

9th Great Portland Street W.
June 3rd 80.

Dear Mr Cooke.

The fullest information
regarding Cleve's tube. was given in
the discussion on this subject in
Telegraphic Journal - with Prof Brunet -
1878-79 -

Mr Cleve. gave me one of his
tubes. Somewhere about 1866. (date
given in Telegraphic Journal) It was
well known in Paris - was shown to
members of "Commission ^{de Perfectionnement}
Administration. by myself - I took
it to Germany. Berlin. used it
publicly. it was there copied. I used
it publicly in Austria, Turkey. Belgium
Switzerland &c. at Expositions
in Vienna. The Germans. showed
a similar tube. amongst their
apparatus - on seeing this, Mr
Cleve. publicly claimed the
invention by a letter to the
Journal Telegraphique Berne. April
1874. I also wrote a letter to this
journal sustaining Mr Cleve's claims.

So the tube was known and
published - I have no
more information than that

contained in Telegraphic Journal -
and as that discussion
was closed by Prof Barrett
acknowledging the prior existence
of Clarke, that I have
not the slightest desire
or intention of reopening
the question - and on
my account would do so
as any one who doubts
can read the discussion
and those whose interests
or beliefs go the other way
may hold what opinions
they like -

I am always glad to
see you, or come when
you like - I am ~~more~~
generally at home between
3 & 5 PM than any other time
You can however take your
chance any time

With best wishes
in haste
Yours
C M Barker
D E Hughes
DSI

108. 81 Portland St. W.

May 3. - 90.

Dear Prof Thompson

I have received the enclosed which I kept a day - hoping to see you last night at the Royal Institution -

I saw Mr Downville who told me that they were very anxious to have you give a Lecture at the Sunday Society - and that they would provide the Electric Light - if you required it -

I cannot urge you to give us this lecture - if you do not feel that you can spare the time - but I can say that as a rule the Society has a very select and large audience - a constant attendant being Sir W Grove - and many others of the Royal Society.

Please reply to Mr Meade's letter - and hoping to see you next week at - the Institution of Electrical Engineers.

With best wishes
Yours Truly

Prof J. D. Thompson - 8, Ave. Rd.

J E Hughes



Oct 22 - 1897
40, Langham Street,
Portland Place. W.

Dear Dr. Thompson.

Thanks for your most kind invitation to dinner at the "Odd Volume" Club on Friday 12. November. which I accept ^{with} much pleasure.

It is always a great treat to dine with the Odd Volume - and a great honor also - particularly when invited by the Magnetiser of Ye Letter - accompanied by such an awful Red & Black Menmen to appear.

The Minister of Railroads, Posts & Telegraphs - has just informed me by Telegram - that H. M. the King of Belgium has bestowed upon me the decoration of Officer of the Order Leopold -

This makes the ninth high decoration I have received from all the important powers in Europe - so I am glad that my Printing Telegraph has been so highly useful and appreciated.

As I am a great admirer of your great talent - I shall be delighted to accept your kind invitation for the 12. and will remember ^{it} as in accordance with the notice, as a real letter day of my career -

With thanks

Sincerely yours

Dr. Samuel P. Thompson F.R.S.
etc &c.

S. E. Huxley

D. E. Hughes

DSI

AUTOGRAPHE

de

Hughes

David Edward

OBSERVATIONS

*L.A. S. 2p. 8° Great Portland Street W.
3.6.1880 gewöhnlich E.W. Cooke in
wissenschaftlichen Fragen, hauptsächlich
des Herrn H. Raper betreffend die neuere
Praxis der von seiner Erfindung
gleichen Art.*

1./
H u g h e s, David Edward. - Prof.
d. Physik an d. Univ. Kentucky. -
Später als Privatmann in London.
Ging mit seinen Eltern 1838 von
England nach Virginien. War 1850
56. Prof. an obgenannter Univ. -
Liess sich darauf in London nie-
der, 1865 Mitgl. d. Commis. in Paris
zur Verbess. d. Telegr. Administr.
1880 Mitgl. d. London Roy. Soc. / Or.
1881 / L'E 1 / JZ 2955 /,
geb. 1831, Mai 16, London,
gest. 1900, Jan 22, London.
Erfand 1853 d. synchron. Mechanis-
mus, nahm 1855 e. Patent darauf, f
fand in London keine Unterstützung
sondern erst 1860 in Frankreich.
erfand d. Mikrophon, die Inductions-
waage, das Audiometer, den erst 1863
in England eingeführten Drucktele-
graphen.
Ann. télégr. Expér. s. la forme &
la nature d. electro-aimants, 10 p.
/7, 1864 /.-Expér. s. un nouv. modèle
de paratonnerre à pointes 15 p. /8,
1865 /.
Inst. Mech. Engin. Proc. Molec. ri-
gidity of tempered steel, 9 p. /1883 /.
London, Roy. Soc. Proc. -Action
of sonorous vibrat. in varying t.
force of an electr. curr., 7 p. /27,

AUTOGRAPHE

de

Hughes

David Edward

OBSERVATIONS

*L.A.
7.6.1
with
des C
Prison
glory*

2./
1878/. Induction-currents balance
& exper., 9 p./auch Phil. Mag./.-
T. audiometer/m. B. W. Richardson/
5 p./29, 1879/. - Molec. electro-
magn. induction, 10 p./31, 1881/. -
Permanent molec. torion of con-
duct. wires prod. by the electric
current, 4 p. - Molec. magnetism,
12 p./32, id./. Theory of magnetism,
& new exper. researches, 26 p./35,
1883/. - Magn. balance, 7 p./36,
1884/. -
Paris, C. R. Emploi du téléphones
& du microphone pour les rech.
scientif., 3 p./87, & 88, 1878 & 79/. -
Effects d'induct. à travers l. cir-
cuits téléphon, par le micropho-
ne & le téléphone, 2 p./88/.
Phil. Mag. - Physical action of
t. microphone, 7 p./6, 1878/. -
Telegr. Engin. J. Exp. res. into
t. means of prevent. induct. upon
lateral wires, 11 p./8, 1879/. -
Effects by immers. of iron wires
in acidul. water, 5 p./9, 1880/. -
Cause of evident magnetism in iron
steel & other magnet. metals, 6 p.
/28, 1883/.
Telegr. Journ. Source of sound
in t. telephone, 5, 2 & 1 p./6, 1878/.
Exper. investig. by aid of t. teleph.

3./
& microph. 1 & 2 p./7, 1879/. -
.. Schrieb noch. -
Exner, Rep. Phys. Ursachen d. Mag-
netismus in Fe, Stahl & anderen
magnetischen Metallen, 16 p./20,
1884/.
London, Roy. Inst. Proc. - Theory
of magnetism, 10 p./11, 1884/. -
London, Roy. Soc. Proc. Mag netic.
balance & experim. researches made
therewith, 6 p./36, 1883/. - Magnetic
polarity & neutrality, 12 p./36,
1884/. - Researches upon t. Self-
induction of an electric current,
19 p./40, 1886/. -

HUGHES (David Edward, F.R.S., *inventor of the printing telegraph and microphone*, 1824-1910)
A.L.S. (D. E. HUGHES), 108 Gt. Portland St., W. May 3. 90, to Prof. S. P. Thompson, 1 page 8vo.,
£1, 10s

... 'I cannot urge you to give us this lecture if you do not feel that you can spare the time, but I can say that as a rule the Society has a very select and large audience, a constant attendant being Sir W. Grove and many others of the Royal Society.' ...

— A.L.S. (D. E. HUGHES), 40 Langham Street, Portland Place, W., Oct. 22 1897, to the same,
1 page 8vo., £1, 15s

... 'This makes the ninth high decoration I have received from all the important powers in Europe, so I am glad that my Printing Telegraph has been so highly useful and appreciated. . . . As I am a great admirer of your great talent, I shall be delighted to accept your kind invitation.' ...

originality & power. His papers on Differential Equations . . . entitle him to a place in the front rank of B analysts.' . . .

- 5721 **HENRY** (William, M.D., F.R.S., *chemical writer and manufacturer*, 1774-1836) A.L.S. (W. HENRY) Manchester 18 August 1817, to 'Dr. Brown, Miller Street, Glasgow,' 4 pages 4to., £1, 10s

Giving his reasons for not applying for the professorship of chemistry of Glasgow University (because he prefers to develop his chemical manufacture) 'I cannot conceive even moderately extensive medical practice to be other

than incompatible with daily lectures on any experimental science.' . . .

- 5722 **HENSLOW** (John Stevens, *prof. mineralogy and botany*, Cantab., 1798-1861) A.L.S. (HENSLOW), Hitcham Hadleigh, Suffolk, 11 Feb. 1845, 2 pages 8vo., 15s

Referring to a proposed election to an examinership of a friend of his correspondent.